

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050066980").PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/05/23 10:02
S2	45	((("2792006") or ("2801638") or ("2815760") or ("2881770") or ("2968305") or ("3101723") or ("3169535") or ("3217715") or ("3234948") or ("3251365") or ("3279476") or ("3320960") or ("3347247") or ("3349780") or ("3351071") or ("3353544") or ("3409020") or ("3413982") or ("3424168") or ("3460543") or ("3858587") or ("3875949") or ("3894545") or ("4038992") or ("4163452") or ("4201234") or ("5360023") or ("5622190") or ("5718250") or ("5909736") or ("6257242") or ("6481442") or ("6537186") or ("20030106562") or ("6615843") or ("20030183237") or ("20030200973") or ("20040025890") or ("6779529") or ("4481958") or ("5129408") or ("20020020420") or ("20020166563") or ("5549125") or ("5724997"))).PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/05/23 10:39
S3	10	((("4819665") or ("5044380") or ("5348027") or ("5685323") or ("6606999") or ("5334992") or ("5718250") or ("5839449") or ("6606999") or ("5101839") or ("5598868"))).PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/05/23 10:31
S4	692	(131/341,342,202).CCLS.	US-PGPUB; USPAT; JPO	OR	OFF	2006/05/23 10:55
S5	19508	"131"/\$.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 14:16

S6	240144	(Multiple adj (section segment)) multi-segment multisegment multi-sectioned multi-sectioned compartment "plug/space/plug" (plug adj space adj plug)	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 14:20
S7	1025119	filter	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 14:21
S9	58372	(Activated adj (carbon charcoal)) or "beaded carbon"	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 14:22
S10	19508	"131"/\$8.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 15:37
S11	240144	(Multiple adj (section segment)) multi-segment multisegment multi-sectioned multi-sectioned compartment "plug/space/plug" (plug adj space adj plug)	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 15:37
S12	1025119	filter	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 15:37
S13	58372	(Activated adj (carbon charcoal)) or "beaded carbon"	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 15:37
S14	109	S13 AND S12 AND S11 AND S10	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 16:07
S15	803989	Hollow empty	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 16:07
S16	3971986	chamber compartment section region	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 16:08
S17	24577	S15 ADJ S16	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 16:17
S18	994098	carbon or charcoal	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 16:10
S19	7	S11 and (S11 SAME S18 SAME S17) and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/23 16:15
S20	14	S11 and S18 and S17 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/05/23 16:15
S21	71	S17 AND S10	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 16:17
S22	58	S21 NOT S14	US-PGPUB; USPAT; JPO	OR	ON	2006/05/23 16:18

S23	69	"plug/space/plug" (plug adj space adj plug)	US-PGPUB; USPAT; JPO	OR	ON	2006/05/24 08:54
S24	1	("5692525").PN.	US-PGPUB; USPAT; JPO	OR	OFF	2006/05/24 10:07
S25	19508	"131"/\$8.ccls.	US-PGPUB; USPAT; JPO	OR	ON	2006/05/24 10:08
S26	240144	(Multiple adj (section segment)) multi-segment multisection multi-sectioned multi-sectioned compartment "plug/space/plug" (plug adj space adj plug)	US-PGPUB; USPAT; JPO	OR	ON	2006/05/24 10:08
S27	803989	Hollow empty	US-PGPUB; USPAT; JPO	OR	ON	2006/05/24 10:08
S28	3971986	chamber compartment section region	US-PGPUB; USPAT; JPO	OR	ON	2006/05/24 10:08
S29	24577	S27 ADJ S28	US-PGPUB; USPAT; JPO	OR	ON	2006/05/24 10:08
S30	9	S25 and (S26 with S29)	US-PGPUB; USPAT; JPO	OR	ON	2006/05/24 10:10
S31	4	(S25 and (S26 same S29)) NOT S30	US-PGPUB; USPAT; JPO	OR	ON	2006/05/24 10:11
S32	57	(S25 and (S26 same S27)) NOT (S30 S31)	US-PGPUB; USPAT; JPO	OR	ON	2006/05/24 10:12
S33	383	((tipping near5 paper) same (perforation\$2 perforat\$3)) and "131"/\$8.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/01/21 11:11
S34	309	131/344.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 15:02
S35	125	(hollow empty vacant void cavity chamber devoid unfilled) and S34	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 15:06
S36	22	("2954773"   "3045680"   "3313306"   "3348553"   "3533416"   "3589646"   "3648711"   "3690326").PN. OR ("3811451").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 15:56
S37	184	S34 NOT S35	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:14
S38	680	131/341.ccls. 131/342.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:31
S39	576	S38 NOT S34	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:31
S40	0	S39 and S35	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:31
S41	5	(S34 S35) and (mixing near5 (space region void cavity chamber))	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:32

S42	3	("2994251").URPN.	USPAT	OR	ON	2009/11/02 16:45
S43	31	("2819720"   "2994251"   "3359988"   "3402724"   "3410274"   "3441028"   "3441029"   "3482579"   "3486508"   "3503406"   "3590825"   "3605756"   "3695274"   "3707975"   "3759268"   "3789855"   "3800805"   "3847161"   "3858587"   "4273141"). PN. OR ("RE32221").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 16:46
S44	1	10/674908	US-PGPUB; USPAT; JPO	OR	ON	2009/11/02 19:03
S45	309	131/344.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 19:05
S46	680	131/341.ccls. 131/342.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 19:05
S47	576	S46 NOT S45	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 19:05
S48	202	((hollow empty vacant void cavity chamber devoid unfilled) AND S47	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/02 19:05

## EAST Search History (Interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L20	171	((hollow empty vacant void cavity chamber devoid unfilled) AND filter AND tobacco AND Cigarette).dm.	USPAT; UPAD	OR	ON	2009/11/05 09:03
S49	356	((hollow empty vacant void cavity chamber devoid unfilled) AND (tobacco AND (Cigarette)).dm.	USPAT; UPAD	OR	ON	2009/11/04 23:51
S50	171	((hollow empty vacant void cavity chamber devoid unfilled) AND (tobacco AND (Cigarette) AND (filter)).dm.	USPAT; UPAD	OR	ON	2009/11/04 23:51

11/ 5/ 2009 9:18:12 AM

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